



Program of Study

Career Field: Industrial, Manufacturing, and Engineering Systems

Career Cluster: Architecture and Construction

Career Pathway: Design/Pre-Construction



Central Community College

DEGREE:

Drafting-Architectural Drafting Specialization

<http://www.cccneb.edu/igsbase/igstemplate.cfm?SRC=SP&SRCN=programchart3&GnavID=20&SnavID=&TnavID=&cccProgramID=87&LS=&PS=&KS=&DDCTypeID=1&cccEndorsementIDsearch=129>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY			
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Entrepreneurship Information Technology App. I CAD (Computer Aided Drafting) Construction Principles of Construction	Intro to the Built Environment	<i>School Activities:</i> SkillsUSA, OPPD/NPPD Power Drive, Math Club, MATHCOUNTS <i>Community Activities:</i> Connect with architects in your area, Do home repair projects, Learn about the history of the buildings in your community, Part-time employment available within this career cluster			
	10	English/Language Arts II	Geometry	Biology	World History		<i>Plus two from the following list:</i> Language of Architecture & Construction Principles of Design & Pre-construction Applications in Design & Pre-construction				
	11	English/Language Arts III	Algebra II	Chemistry	American History		Intro to Architecture Technology Housing & Home Furnishings				
	12	English/Language Arts IV	Intro to Statistics Descrete Math Pre-Calc	Physics	American Government or Economcis						
CENTRAL COMMUNITY COLLEGE		COMMUNICATIONS	MATH/SCIENCE	PERSONAL DEVELOPMENT	SOC/ BEHAVIORAL SCIENCES	DEGREE REQUIREMENTS	MAJOR COURSES				
	13 and 14	Select 3 hours from the following: Applied Writing Eng. Composition Writing & Research	Select 3 hours from the following: Technical Math College Algebra	Select 3 hours from the following: Successful Job Relations Employment Search & Interview	Select 3 hours from the following: American Government Intro to Psychology	12 Hours Drafting Electives	Fundamentals of Design	Basic Architectural Design	Building Elements	International Building Codes	Basic Civil Design
						6 Hours Student Electives	Basic CAD Operations	Site Drawings	Residential Design	Intermediae CAD Applications	Architectural CAD Applications
							Cost Estimating	Commercial Structures	Mechanical & Electrical Systems	Blueprint Reading	GIS
							Architecture Drafting Course				